| | Mathematics - Grade 8 | |
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| **Item** | **Performance Indicator** | **Standard** |
| 1 | Attends to another person demonstrating a procedure. | Standard 1: Problem Solving |
| 2 | Anticipates the beginning of a math activity. | Standard 1: Problem Solving |
| 3 | Attends to materials being displayed. | Standard 1: Problem Solving |
| 4 | Attends to another person showing relationships between two variables, using objects, picture, symbols, or numbers. | Standard 1: Problem Solving |
| 5 | Demonstrates the concept of "one." | Standard 2: Numbers and Operations |
| 6 | Determines questions for obtaining data. | Standard 6: Data Analysis, Probability, and Statistics |
| 7 | Describes features of the data. | Standard 6: Data Analysis, Probability, and Statistics |
| 8 | Counts with another person. | Standard 2: Numbers and Operations |
| 9 | Creates a frequency table. | Standard 6: Data Analysis, Probability, and Statistics |
| 10 | Sets up a graph; labels axes. | Standard 6: Data Analysis, Probability, and Statistics |
| 11 | Creates a simple graph/frequency plot using real objects and/or symbols. | Standard 6: Data Analysis, Probability, and Statistics |
| 12 | Displays two or more categories on a bar graph. | Standard 6: Data Analysis, Probability, and Statistics |
| 13 | Explains how to use a bar graph. | Standard 6: Data Analysis, Probability, and Statistics |
| 13 | Explains how to use a bar graph. | Standard 1: Problem Solving |
| 14 | Determines which category has the most/least votes. | Standard 6: Data Analysis, Probability, and Statistics |
| 15 | Uses tables or graphs to make decisions. | Standard 6: Data Analysis, Probability, and Statistics |
| 15 | Uses tables or graphs to make decisions. | Standard 1: Problem Solving |
| 16 | Shows a quantity. | Standard 2: Numbers and Operations |
| 17 | Demonstrates understanding of some/more/less. | Standard 2: Numbers and Operations |
| 18 | Computes an addition problem. | Standard 2: Numbers and Operations |
| 19 | Shows a relationship between two variables. | Standard 3: Algebra |
| 20 | Given a numerical relationship between two variables and the value of one variable, finds the other. | Standard 3: Algebra |
| 21 | Given a numerical relationship between two variables and the value of one variable, finds the other. | Standard 3: Algebra |
| 22 | Uses a table to make decisions. | Standard 6: Data Analysis, Probability, and Statistics |
| 22 | Uses a table to make decisions. | Standard 1: Problem Solving |
| 23 | Attends to another person measuring length. | Standard 5: Measurement |
| 24 | Measures with a ruler. | Standard 5: Measurement |
| 25 | Uses an appropriate unit of measure. | Standard 5: Measurement |
| 26 | Demonstrates reasoning to solve a measurement problem. | Standard 5: Measurement |
| 26 | Demonstrates reasoning to solve a measurement problem. | Standard 1: Problem Solving |
| 27 | Measures with a ruler. | Standard 5: Measurement |
| 28 | Uses a calculator for computation. | Standard 2: Numbers and Operations |
| 29 | Chooses a correct procedure to solve a problem. | Standard 2: Numbers and Operations |
| 29 | Chooses a correct procedure to solve a problem. | Standard 1: Problem Solving |
| 30 | Uses strategy to compute an addition problem. | Standard 2: Numbers and Operations |
| 30 | Uses strategy to compute an addition problem. | Standard 1: Problem Solving |
| 31 | Subdivides a geometric shape. | Standard 4: Geometry |
| 32 | Produces fractional parts of a whole. | Standard 2: Numbers and Operations |

**Item correlates with 2 standards**